



Building Department Newsletter

June 2009

Special points of interest:

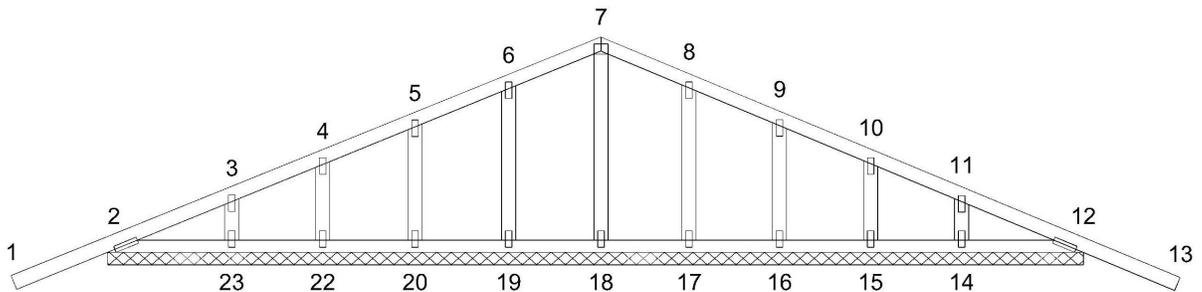
- Gable Truss Uplift Connection
- Floor Insulation Tips
- 1st Annual Inland Northwest Green Fair

Gable Truss Uplift Connection

Under certain conditions the truss designer will require installation of mechanical connection between the gable truss bottom bearing cord and the top plate of the framed wall. The mechanical connections are just one of the many items the truss engineer might designate on the truss documents for securing gable end framing. Within the narrative notes you will find the reference to the mechanical attachments, installation location and their required uplift capability. Below is an example of a typical narrative note.

The contractor is responsible for the proper installation, bracing, restraint, structural sheathing and attachment of trusses to the framing walls as per the construction documents. The gable truss may require mechanical connection at each truss stud due to the gable height, length, seismic, and/or wind loading. These attachments are critical to the engineered design when required. So take that extra moment to verify if your truss designer has referenced special gable truss conditions because as we all know each job has different requirements.

 * **CITY OFFICES** *
 * **WILL BE** *
 * **CLOSED:** *
 * **FRIDAY, JULY** *
 * **3, 2009, FOR** *
 * **THE 4TH OF** *
 * **JULY.** *

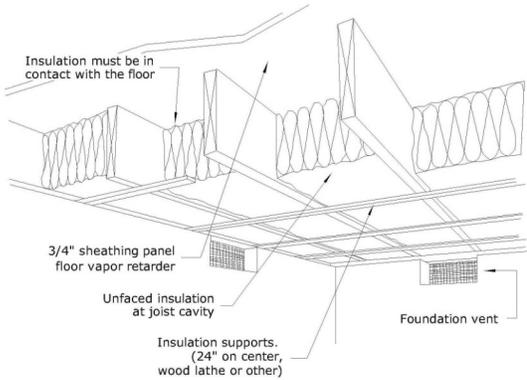


Provide mechanical connection (by others) of truss bearing plate capable of withstanding 100lb uplift at join(s) 2, 19, 20, 17, 16, 15, 12 except (jt=lb) 23=154, 14=154.

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Floor Insulation Tips

Floor Insulation Supports
Insulation fills the cavity



The 2006 Washington State Energy Code Section 502.4.7 states:

“Floor insulation shall be installed in a permanent manner in substantial contact with the surface being insulated. Insulation supports shall be installed so spacing is no more than 24 inches on center.”

The rationale for the above requirement is that if insulation is not in substantial contact, air convection loops form between the insulation and the floor. Air begins to move between the insulation and/or rim joist. The air movement causes convective heat loss from the floor decreasing the effectiveness of the insulation.

When installing the insulation supports 24 inches on center, care must be taken not to compress the insulation. Compressing the insulation will reduce the insulation’s R value.

1st Annual Inland Northwest Green Fair

On May 15 and 16, KLEW and SEL held the first Annual Inland Northwest Green Fair. The event was designed to increase interest among green services, technologies and products around the Inland Northwest.

The City of Pullman participated in the event by showcasing many of the departments contributions to being green. Parks Department had information about the control of weeds through the insect release program; Maintenance and Operations had information about low flow toilets; Stormwater had information about the importance of keeping storm drains cleared; and Protective Inspections had information about energy and water conservation through the building codes.

The event drew many individuals interested in green ideas. The City’s booth gave people the opportunity to ask questions and gather information about what green city programs are offered.



May Permits

Building permit and valuation totals for May 2009, May 2008, year-to-date 2009 and comparable 2008:

May 2009: 79 permits valued at \$2,955,362 May 2008: 63 permits valued at \$3,052,317

YTD 2009: 189 permits valued at \$7,080,832 YTD 2008: 192 permits valued at \$9,276,902